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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Zhang et al.

Confirmation No.: 7941

Application No.: 10/033,661

Art Unit: 1754

Filed: December 27, 2001

Examiner: Nguyen, Cam N

For: CATALYST FOR SELECTIVE
HYDROGENATION, ITS
PREPARATION PROCESS AND
APPLICATION

Attorney Docket No.: 008031-0023-999

#7/a
10/21/03
(15)

AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action dated June 27, 2003, please enter the following amendments and remarks into the file of the above-identified application.

AMENDMENTS TO THE CLAIMS:

Please cancel claims 14-18 without prejudice. Please amend claims 1, 5, 11, and 13. Pursuant to 37 C.F.R. § 1.121, as revised, a detailed listing of all claims that are, or were, in the application, is listed below, with the current status of all claims indicated in parentheses after the claim number. Deleted matter is shown by strikethrough and added matter is shown by underlining.

Detailed Listing of All Claims:

1. (Currently Amended) A selective hydrogenation catalyst comprising:--

an inorganic oxide support selected from the group consisting of alumina, titania, and a chemical composite of alumina and titania;

a major active component ~~Pd~~ palladium of a content of about 0.002-1.0%